

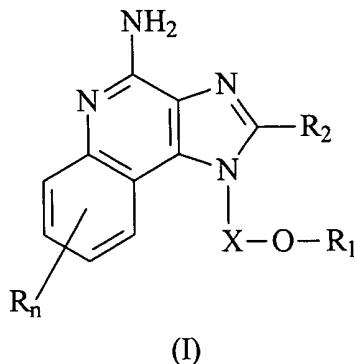
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-52 (canceled)

53 (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound of the formula (I):



wherein: **X** is $-\text{CHR}_3-$, $-\text{CHR}_3\text{-alkyl}-$, or $-\text{CHR}_3\text{-alkenyl}-$;

R₁ is selected from the group consisting of:

- heteroaryl;
- heterocyclyl;
- $-\text{R}_4-$ heteroaryl; and
- $-\text{R}_4-$ heterocyclyl;

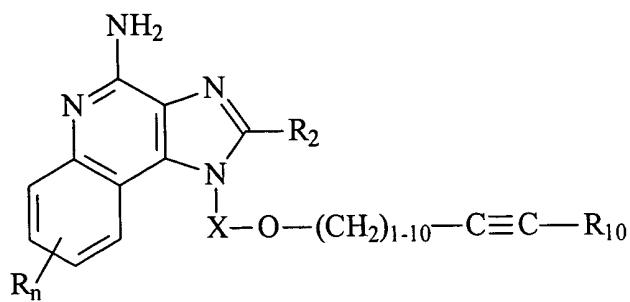
R₂ is selected from the group consisting of:

- hydrogen;
- alkyl;
- alkenyl;
- aryl;
- heteroaryl;
- heterocyclyl;
- alkyl-Y-alkyl;
- alkyl-Y- alkenyl;

-alkyl-Y-aryl; and
- alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:
-OH;
-halogen;
-N(R₃)₂;
-CO-N(R₃)₂;
-CO-C₁₋₁₀ alkyl;
-CO-O-C₁₋₁₀ alkyl;
-N₃;
-aryl;
-heteroaryl;
-heterocyclyl;
-CO-aryl; and
-CO-heteroaryl;

R₄ is alkyl or alkenyl, which may be interrupted by one or more -O-groups;
each R₃ is independently H or C₁₋₁₀ alkyl;
each Y is independently -O- or -S(O)₀₋₂;
n is 0 to 4; and
each R present is independently selected from the group consisting of C₁₋₁₀ alkyl, C₁₋₁₀ alkoxy, hydroxy, halogen and trifluoromethyl;
or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.

54. (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound of the formula (II):



(II)

wherein: X is $-\text{CHR}_3-$, $-\text{CHR}_3\text{-alkyl}-$, or $-\text{CHR}_3\text{-alkenyl}-$;

R_{10} is selected from the group consisting of heteroaryl and heterocyclyl;

R_2 is selected from the group consisting of:

-hydrogen;

-alkyl;

-alkenyl;

-aryl;

-heteroaryl;

-heterocyclyl;

-alkyl-Y-alkyl;

-alkyl-Y- alkenyl;

-alkyl-Y-aryl; and

-alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:

-OH;

-halogen;

$-\text{N}(\text{R}_3)_2$;

$-\text{CO-N}(\text{R}_3)_2$;

$-\text{CO-C}_{1-10}\text{ alkyl}$;

$-\text{CO-O-C}_{1-10}\text{ alkyl}$;

$-\text{N}_3$;

-aryl;

-heteroaryl;

-heterocyclyl;
-CO-aryl; and
-CO-heteroaryl;

n is 0 to 4;

each **R**₃ is independently H or C₁₋₁₀ alkyl;

each **Y** is independently -O- or -S(O)₀₋₂; and

each **R** present is independently selected from the group consisting of C₁₋₁₀ alkyl, C₁₋₁₀ alkoxy, hydroxy, halogen and trifluoromethyl;

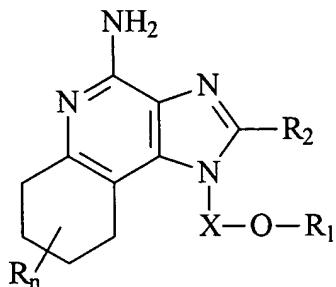
or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.

55. (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound selected from the group consisting of:

1-(2-{{[3-(isoquinolin-4-yl)-2-propynyl]oxy}ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(2-{{[3-(1,3-thiazol-2-yl)-2-propynyl]oxy}ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[3-(1*H*-4-pyrazolyl)propoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(3-pyrimidin-2-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(3-pyridin-4-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(3-pyridin-2-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[3-(1,3-thiazol-2-yl)propoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(3-pyridin-3-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(3-pyrimidin-5-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(1-benzyl-1*H*-1,2,3-triazol-4-yl)methoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-{2-[(1-benzyl-1*H*-1,2,3-triazol-5-yl)methoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-[2-({1-[(phenylsulfanyl)methyl]-1*H*-1,2,3-triazol-4-yl} methoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-[2-({1-[(phenylsulfanyl)methyl]-1*H*-1,2,3-triazol-5-yl} methoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-[2-(benzo[b]furan-2-ylmethoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;

1-[2-(pyridin-3-ylmethoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(pyridin-2-ylmethoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(pyridin-4-ylmethoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(3,5-dimethylisoxazol-4-yl)methoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(2-{{3-(pyrimidin-2-yl)-2-propynyl}oxy}ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(2-{{3-(pyrid-4-yl)-2-propynyl}oxy}ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(2-{{3-(fur-3-yl)-2-propynyl}oxy}ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
4-{3-[2-(4-amino-1*H*-imidazo[4,5-*c*]quinolin-1-yl)ethoxy]-propyn-1-yl}
thiophen-2-ylcarboxaldehyde;
1-(2-{{3-(pyrid-2-yl)-2-propynyl}oxy}ethyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-methyl-1-[(pyrid-2-yloxy)methyl]propyl}-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-{1-[(pyrid-2-yloxy)methyl]propyl}-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-[2-(9*H*-carbazol-3-yloxy)propyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(3-thien-2-ylprop-2-ynyl)oxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(1-methyl-1*H*-indol-2-yl)methoxy]ethyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-[2-(3-thien-2-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
2-methyl-1-[2-(3-pyridin-3-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
2-butyl-1-[2-(3-pyridin-3-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinoline-4-amine;
1-[2-(tetrahydrofuran-2-ylmethoxy)propyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(5-chloro-1-benzothien-3-yl)methoxy]propyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-{2-[(3-nitropyridin-2-yl)oxy]propyl}-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(2-methyl-1-{{(3-nitropyridin-2-yl)oxy}methyl}propyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
1-(1-{{(5-chloro-1-benzothien-3-yl)methoxy}methyl}-2-methylpropyl)-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
2-(2-methoxyethyl)-1-[2-(3-pyridin-3-ylpropoxy)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine; and
2-methyl-1-[2-(3-pyridin-3-ylpropoxy)ethyl]-6,7,8,9-tetrahydro-1*H*-imidazo[4,5-*c*]quinolin-4-amine;
or a pharmaceutically acceptable salt thereof.

56. (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound of the formula (III):



(III)

wherein: **X** is $-\text{CHR}_3-$, $-\text{CHR}_3\text{-alkyl}-$, or $-\text{CHR}_3\text{-alkenyl}-$;

R₁ is selected from the group consisting of:

- heteroaryl;
- heterocyclyl;
- $-\text{R}_4-$ heteroaryl; and
- $-\text{R}_4\text{-heterocyclyl}$;

R₂ is selected from the group consisting of:

- hydrogen;
- alkyl;
- alkenyl;
- aryl;
- heteroaryl;
- heterocyclyl;
- $-\text{alkyl-Y-alkyl}$;
- $-\text{alkyl-Y- alkenyl}$;
- $-\text{alkyl-Y-aryl}$; and
- alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:

- OH;
- halogen;

-N(R₃)₂;
 -CO-N(R₃)₂;
 -CO-C₁₋₁₀ alkyl;
 -CO-O-C₁₋₁₀ alkyl;
 -N₃;
 -aryl;
 -heteroaryl;
 -heterocyclyl;
 -CO-aryl; and
 -CO-heteroaryl;

R₄ is alkyl or alkenyl, which may be interrupted by one or more -O-groups;

each R₃ is independently H or C₁₋₁₀ alkyl;

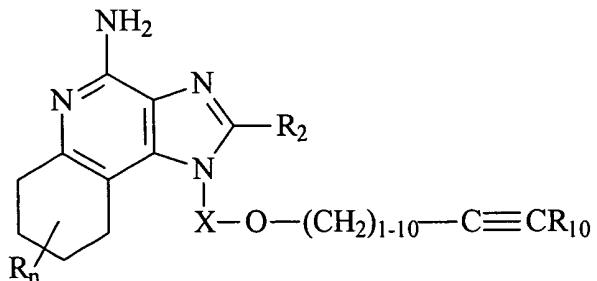
each Y is independently -O- or -S(O)₀₋₂;

n is 0 to 4; and

each R present is independently selected from the group consisting of C₁₋₁₀ alkyl, C₁₋₁₀ alkoxy, hydroxy, halogen and trifluoromethyl;

or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.

57. (new) A method of treating a neoplastic disease in an animal in need thereof comprising administering to the animal an effective amount of a compound of the formula (IV):



(IV)

wherein: X is -CHR₃-, -CHR₃-alkyl-, or -CHR₃-alkenyl-;

R₁₀ is selected from the group consisting of heteroaryl and heterocyclyl;

R₂ is selected from the group consisting of:

- hydrogen;
- alkyl;
- alkenyl;
- aryl;
- heteroaryl;
- heterocyclyl;
- alkyl-Y-alkyl;
- alkyl-Y- alkenyl;
- alkyl-Y-aryl; and
- alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:

- OH;
- halogen;
- N(R₃)₂;
- CO-N(R₃)₂;
- CO-C₁₋₁₀ alkyl;
- CO-O-C₁₋₁₀ alkyl;
- N₃;
- aryl;
- heteroaryl;
- heterocyclyl;
- CO-aryl; and
- CO-heteroaryl;

each **R₃** is independently H or C₁₋₁₀ alkyl;

each **Y** is independently -O- or -S(O)₀₋₂-;

n is 0 to 4; and

each **R** present is independently selected from the group consisting of C₁₋₁₀ alkyl, C₁₋₁₀ alkoxy, hydroxy, halogen and trifluoromethyl;

or a pharmaceutically acceptable salt thereof, that induces cytokine biosynthesis.